		Smart Ski	es
		2007 Mathem	
	Learning	Results: Parameters 1	for Essential Instruction
Maine Mathematics			
Grade 5			
Activity/Lesson	State	Standards	
			Students read, construct, and interpret line
Fly by Math	ME	MA.5.B.2	graphs.
Fly by Math	ME	MA.5.C.4.a	Locate points on the Cartesian plane.
Line Up with Math	ME	MA.5.B.1.b	Solve and justify problems with these measures.
Line Up with Math	ME	MA.5.C.4.a	Locate points on the Cartesian plane.
			Determine horizontal and vertical distance on
Line Up with Math	ME	MA.5.C.4.b	the coordinate plane.
		111111111111	post of the second seco
		Smart Ski	
	1	2007 Mathem	
Maine Mathematics	Learning	Results: Parameters 1	for Essential Instruction
Grade 6			
Activity/Lesson	State	Standards	
Activity/Lesson	State	Standards	Recognize from a table whether a relationship
Line Up with Math	ME	MA.6.D.2.b	has a constant rate of change.
Line op with Math	IVIL	IVIA.U.D.Z.D	rias a constant rate of change.
		Smart Ski	es
		2007 Mathem	
	Learning		for Essential Instruction
Maine Mathematics			
Grade 7			
Activity/Lesson	State	Standards	
			Create tables, pictograms, bar graphs, line
			graphs, pie charts, stem and leaf plots, box and
			whiskers plots, and histograms using pencil and
Fly by Math	ME	MA.7.B.1.a	paper and electronic technologies.
			Draw conclusions based on graphs and charts
			including tables, pictograms, bar graphs, line
			graphs, pie charts, stem and leaf plots, box and
Fly by Math	ME	MA.7.B.1.b	whiskers plots, and histograms.
		Smart Ski	
	Loornin	2007 Mathem	
Maine Mathematics	Learning	Results. Parameters 1	for Essential Instruction
Grade 8			
Activity/Lesson	State	Standards	
ACTIVITY/EGGOOM	Jule	Ctandards	Calculate measures using multiple attributes
Fly by Math	ME	MA.8.B.1.a	including speed (distance per time).
i iy by ividili	141	IVI/ 1.U.D. 1.d	Solve for an unknown component of a measure
			including finding time given average speed and
	1		

			Understand that the graph of a linear
			relationship y = kx + b is a line where the slope
			is k and b is the y-coordinate of the point where
			the graph crosses the y-axis (i.e., value of y
Fly by Math	ME	MA.8.D.4.b	when $x = 0$).
			Calculate measures using multiple attributes
Line Up with Math	ME	MA.8.B.1.a	including speed (distance per time).
			Solve for an unknown component of a measure
			including finding time given average speed and
Line Up with Math	ME	MA.8.B.1.b	distance.
			Understand that linear relationships are
Line Up with Math	ME	MA.8.D.4.a	characterized by a constant rate of change, k.
			Understand that the graph of a linear
			relationship y = kx + b is a line where the slope
			is k and b is the y-coordinate of the point where
Line Lle with Math	N45	MA 0 D 4 b	the graph crosses the y-axis (i.e., value of y
Line Up with Math	ME	MA.8.D.4.b	when x = 0).
		Smart Skie	J.C.
		2007 Mathema	
	Learning Re		or Essential Instruction
Maine Mathematics			
Grades 9-12			
Activity/Lesson	State	Standards	
			Create and interpret scatter plots and estimate
Fly by Math	ME	MA.9-12.B.2.b	correlation and lines of best fit.
			Apply the understanding that the solution(s) to
			equations of the form $f(x) = g(x)$ are the
			x-value(s) of the point(s) of intersection of the
			graphs of $f(x)$ and $g(x)$ and common outputs in
Fly by Math	ME	MA.9-12.D.2.e	table of values.
			Apply the understanding that the solution(s) to
			equations of the form $f(x) = g(x)$ are the
			x–value(s) of the point(s) of intersection of the
1. 11 .0 84 0			graphs of $f(x)$ and $g(x)$ and common outputs in
Line Up with Math	ME	MA.9-12.D.2.e	table of values.
	1		Explain why the coordinates of the point of
			interception of the lines represented by a system
			intersection of the lines represented by a system
Line Up with Math	ME	MA.9-12.D.2.f	intersection of the lines represented by a system of equations is its solution and apply this understanding to solving problems.